

SDME Society's  
**S.D.M. College of Engineering & Technology, Dharwad-580 002**  
**Department of Electrical & Electronics Engineering**

**BOS Meeting 10<sup>th</sup> July 2023 (Monday)**

**AGENDA**

- Welcome – by Chairman
- Briefing about meeting -by Chairman BOS
- Discussions to be initiated by member secretary
- Post facto approval of scheme and course content of **I & II Semester (2022-2026 Scheme)**
- Approval of **III to VIII Semester scheme** and course content of **B. E. III & IV Semesters (2022 -2026 Scheme)**
- Approval of course content of **B. E. V & VI Semester (2021-2025 Scheme)**
- Approval of modification in scheme and course content of **III to IV Semester M. Tech Power Systems Engineering (2022-2024 Scheme)**
- Any other matter with the permission of chair
- Vote of thanks by member secretary

**Sd/-**  
**Chairman BOS**

**SDM College of Engg. & Tech. Dharwad**  
**Department of Electrical and Electronics Engineering**  
*(Professional Competence with Positive Attitude)*

**Minutes of BOS meeting held on 10-07-2023.**

**AGENDA**

- Post facto approval of scheme and course content of **I & II Semester (2022-2026 Scheme)**
- Approval of scheme and course content of **B. E. III & IV Semesters (2022 -2026 Scheme)**
- Approval of course content of **B. E. V & VI Semester (2021-2025 Scheme)**
- Approval of modification in scheme and course content of **III to IV Semester M. Tech Power Systems Engineering (2022-2024 Scheme)**
- Any other matter with the permission of chair

The meeting was started at 10.00 am in Seminar Hall of EE Dept, SDMCET Dharwad. The Chairman extended welcome to all the members. After in depth discussions and deliberations the following resolutions were made.

The committee approved the following:

- 1) The scheme and course content of **B. E. I & II Semesters (2022-2026 Scheme)**
- 2) The course content of **B. E. III & IV Semesters (2022-2026 Scheme)**
- 3) The course content of **B. E. V & VI Semesters (2021-2025 Scheme)**
- 4) The modification of scheme **I to IV Semesters** and course content of **III & IV Semesters M. Tech. Power Systems Engineering (2022-2024 Scheme)**

During the course of discussion, the following suggestions were emerged for incorporation.

**I & II Semesters:**

Basic electrical engineering course can be an integrated course to give exposure to EE Students.

**III & IV Semesters:** The following topics included in the respective courses:

5. Introduction to Python Programming course can be made 2-0-2 instead of 3-0-0 (L-T-P).
6. Appreciated the inclusion of mathematics as bridge course for lateral entry students.
7. More number of electives to be listed.
8. SGP/HV course may be disintegrated and SGP can be integrated with T&D while HV with T&CEE.
9. CO's to be listed after the course content.

10. Revisit to see if it is possible to exchange the Electrical & Electronics Measurements (under ESC) with Electrical And Electronics Measurement (under AEC)
11. Control System course to be made module wise.
12. In Machines-I course name unit-V as special machines instead of miscellaneous topics.
13. Simulation concepts can be brought in the Network Analysis course.
14. Include one topic on basics of HVDC in EPTD course.
15. IoT course to be added in the scheme of 2022-26.

**V & VI Semesters:** The following topics included in the respective courses:








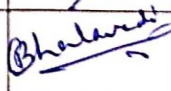


1. CAN protocol to be introduced in CCN subject.
2. COs to be changed from 6 to 5 in VLSI subject.

**General suggestions:**

1. Actions taken upon the BoS meeting must be presented in the future BoS meetings.
2. Industry offered courses may be included in curriculum.

The meeting concluded with a vote of thanks by the member Secretary to the Chair and all the members.

**BOS Committee**

Sl. No.	Name	Portfolio	Signature
01	Dr. S. G. Ankaliki Professor & Head, E & E Engg. Dept., SDMCET, Dharwad. Mobile: 9481108294 ; Email: sgasdmee@rediffmail.com	Chairman	
02	Dr. D. B. Kulkarni Professor, E & E Engg. Dept., Gogte Institute of Technology, Udyambag, Belagavi, Mobile: 9480456340, Email: dbkulkarni@git.edu	VTU Nominee	
03	Dr. Likith Kumar M. V. Associate Professor, E & E Engg. Dept., The National Institute of Engineering, Manandavadi Road Mysuru-570008 Mobile: 9986357947, Email: likith@nie.ac.in	Subject expert	
04	Dr. Satish Naik Banavath Assistant Professor, Dept. of Electrical Engineering Indian Institute of Technology, WALMI Campus, Near High Court, P. B. Road, Anjaneya Nagar, Dharwad-580 011 Mobile: 9535093090, Email: satish@iitdh.ac.in	Subject Expert	—
05	Dr. Girish V. Executive Engineer, ALDC, HESCOM, Navanagar, Hubli-580 025, Mobile: 9986019530, Email: girish.athreyas@gmail.com	Industry Representative	
06	Prof. Vinay Shetty Assistant Professor, E & E Engg. Dept., Gogte Institute of Technology, Udyambag, Belagavi Mobile:8618502118, Email: vjshetty@git.edu	Alumnus	
07	Dr. R. L. Chakrasali, Professor, Dept. of E & E SDMCET, Dharwad, Ph.:9845477797, Email:pratisatu@gmail.com	Member	
08	Prof. Sunil Joshi, Assoc. Professor, Dept. of E&E, SDMCET, Dharwad Mobile:9663212825, Email:sunilj2005@yahoo.in	Member	
09	Dr. B. S. Shalavadi, Asst. Professor, Dept. of E & E, SDMCET, Dharwad Mobile: 9448433561, Email:shalavadi.bs@gmail.com	Member	
10	Prof. S. G. Nayak, Asst. Professor, Dept. of E & E, SDMCET, Dharwad Mobile:9448200483, Email:shravannayak@rediffmail.com	Member	
11	Prof. Pradeep Vibhuti, Asst. Professor, Dept. of E & E, SDMCET, Dharwad Mobile: 9611828528, Email:pradeepvibhu@gmail.com	Member Secretary	

SDME Society's  
**S.D.M. College of Engineering & Technology, Dharwad-580 002**  
**Department of Electrical & Electronics Engineering**

**BOS Meeting 13<sup>th</sup> August 2022**

**AGENDA**

- Welcome – by Chairman
- Briefing about meeting -by Chairman BOS
- Discussions to be initiated by member secretary
- Approval of Modification in **B. E. I/II Semester** Basic Electrical Engineering subject (**2021-2025 Scheme**)
- Approval of Course content of **B. E. III & IV Semesters (2021 -2025 Scheme)**
- Approval of Scheme of **I to IV Semester** M. Tech Power Systems Engineering (**2022-2024 Scheme**)
- Approval of Course content of **I &II Semester** M. Tech Power Systems Engineering (**2022-2024 Scheme**)
- Any other matter with the permission of chair
- Vote of thanks by member secretary

**Sd/-**  
**Chairman BOS**

**SDM College of Engg. & Tech. Dharwad**  
**Department of Electrical and Electronics Engineering**  
*(Professional Competence with Positive Attitude)*

**Minutes of BOS meeting held on 13-8-2022.**

**AGENDA**

- Approval of Modification in content of **B. E. I/II Semester** Basic Electrical Engineering subject (**2021-2025 Scheme**)
- Approval of Course content of **B. E. III & IV Semesters (2021-2025 Scheme)**
- Approval of Scheme of **I to IV Semester** M. Tech Power Systems Engineering (**2022-2024 Scheme**)
- Approval of Course content of **I & II Semester** M. Tech Power Systems Engineering (**2022-2024 Scheme**)
- Any other matter with the permission of chair

The meeting was started at 10.30 am in Seminar Hall of EE Dept, SDMCET Dharwad. The Chairman extended welcome to all the members. After in depth discussions and deliberations the following resolutions were made.

The committee approved the following:

- 1) Modification in content of **B. E. I/II Semester** Basic Electrical Engineering subject (**2021-2025 Scheme**)
- 2) Course content of **B. E. III & IV Semesters (2021-2025 Scheme)**
- 3) Scheme of **I to IV Semester** M. Tech Power Systems Engineering (**2022-2024 Scheme**)
- 4) Course content of **I & II Semester** M. Tech Power Systems Engineering (**2022-2024 Scheme**)

During the course of discussion, the following suggestions were emerged for incorporation.

**Course content of 2021-25 Scheme ( I/II Semester):**

Basic Electrical Engineering

Topics included:

1. Study of smart meters
2. Grid integrated solar system

### **III Semester: The following topics included in the respective courses**

1. Geothermal topic is included in biomass energy chapter in Energy Conversion Technology course.
2. Number of teaching hours is made equally distributed in Electrical Power Transmission and Distribution course.
3. Gas insulated substation is included in Electrical Power Transmission and Distribution course.
4. S. M. Singh Reference book to be made as first reference book instead of 3<sup>rd</sup> in Electrical Power Transmission and Distribution course.

### **IV Semester: The following topics included in the respective courses**

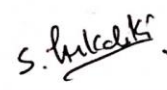





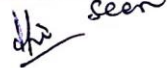



1. Megger experiment is included in measurement and circuit's simulation lab.
2. Multifunctional transducers can be included in measurement and circuit simulation lab.

### **M.Tech: The following topics included in the respective courses**

1. Advanced power system protection course may be made as Digital Power System Protection.
2. Impact of charging stations on distribution system included in III semester.
3. Energy market concept is included in PM DPS course in III semester.
4. 5<sup>th</sup> unit is modified as applications for soft computing techniques in place of applications of AI techniques in Artificial Intelligence Techniques to Power System course.
5. Coordination between gas, hydro, PV stations topics is included in 6<sup>th</sup> chapter hydro thermal coordination of Economic Operation and Control of Power System course.
6. Topics like WAMS, PMU is included in first chapter of Elements of Smart Grid course.
7. Protection is included in 9<sup>th</sup> chapter of HVDC Power Transmission course.
8. Title of 22PEPE235 (fundamentals of smart grid technology) is changed to Elements of Smart Grid.
9. ICT is included in smart grid course.
10. Some std. System is specified in 4<sup>th</sup> & 5<sup>th</sup> experiments of Power System Laboratory-2.

The meeting concluded with a vote of thanks by the member Secretary to the Chair and all the members.

**BOS Committee**

Sl. No.	Name	Port folio	Signature
01	Dr. S. G. Ankaliki HOD EEE & Chairman BOS	Chairman	
02	Dr. D. B. Kulkarni VTU Nominee, GIT, Belagavi.	VTU Nominee	
03	Dr. Likith Kumar M. V NIE, Mysuru.	Subject expert	
04	Dr. Satish Naik Banavath IIT, Dharwad	Subject Expert	-
05	Dr. Girish V. ALDC HESCOM, Hubballi	Industry Representative	
06	Dr. R. L. Chakrasali Dean Academic, SDM CET	Special Invitee	 seen R 13/8
07	Prof. Vinay Shetty. GIT, Belagavi	Alumnus	
08	Prof. Sunil Joshi Faculty, EEE, SDM CET	Member	 seen
09	Dr. B. S. Shalavadi Faculty, EEE, SDM CET	Member	
10	Prof. Shrivankumar G. Nayak Faculty, EEE, SDM CET	Member	
11	Prof. Pradeep Vibhuti Faculty, EEE, SDM CET	Member Secretary	



**SDM College of Engineering & Technology, Dharwad**  
**Department of Electrical & Electronics Engineering**

**Joint BoS meeting through circulation held on 13.10.2021**

**Agenda:** Approve and adopt the following under NEP 2020 from the academic year 2021-22.


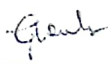



- 1) UG program structure and scheme
- 2) Syllabus of I/II semester (common to all departments)

The details of UG program structure, scheme and syllabus of I/II semester (common to all departments) under NEP 2020 to be implemented from the academic year 2021-22 was sent to all the BoS members for their inputs and approval through circulation and received the responses.

**Minutes:**

- 1) Accepted UG program structure, scheme to be implemented from the academic year 2021-22 and recommended to Academic Council for approval.
- 2) Accepted the syllabus of I/II semester to be implemented from the academic year 2021-22 (common to all departments) and recommended to Academic Council for approval.

**Internal members**

Sl. No.	Name	Signature
1	Dr. R. L. Chakrasali	
2	Dr. G. D. Kamalapur	
3	Prof. S. S. Desai	
4	Prof. Sunil Joshi	
5	Prof. Shravankumar G. Nayak	

**External members**

Sl. No.	Name	Signature
1	Prof. Dr. Subba Reddy B	Approval received through email
2	Dr. Satish Naik Banavath	Approval received through email
3	Dr. A. B. Raju	Approval received through email
4	Dr. Girish V.	Approval received through email
5	Prof. Vinay Shetty	Approval received through email

  
Member Secretary

  
Chairman - BoS

SDME Society's  
**S.D.M. College of Engineering & Technology, Dharwad-580 002**  
**Department of Electrical & Electronics Engineering**

**BOS Meeting 26<sup>th</sup> June2021(Online)**

**AGENDA**

- Welcome – by Chairman
- Briefing about meeting - by Chairman BOS
- Discussions to be initiated by member secretary
- Approval of Course content of **B. E. VII& VIII Semesters (2018 -2022 Scheme)**
- Approval of Modification in **B. E.IV Semester Measurement and Circuit Simulation Lab Experiments(2018-2022 Scheme)**
- Approval of Course Content of **III & IV Semester M. Tech Power System Engineering (2020-2022 Scheme)**
- Any other matter with the permission of chair.
- Vote of thanks by member secretary

**Sd/-**  
**Chairman BOS**

**BOS Committee:**

• <b>Dr. S. G. Ankaliki</b> - Chairman & HOD, EEE	• <b>Dr. Subba Reddy B</b> - VTU Nominee, IISc. Bangaluru
• <b>Dr. A. B. Raju</b> - Subject Expert, KLE Tech, Hubballi	• <b>Dr. Satish Naik Banavath</b> - Subject Expert, IIT, Dharwad
• <b>Dr. Girish V.</b> - Industry Representative, HESCOM, Hubballi	• <b>Dr. R. L. Chakrasali</b> - Special Invitee, Dean Academic, SDMCET
• <b>Dr. G. D. Kamalapur</b> - Member, SDMCET	• <b>Prof. Vinay Shetty.</b> - Alumnus, GIT, Belagavi
• <b>Prof. C. M. Chelli</b> - Member, SDMCET	• <b>Prof. S. S. Desai</b> - Member, SDMCET
• <b>Prof. Shravankumar G. Nayak</b> - Member Secretary	• <b>Prof. Sunil Joshi</b> - Member, SDMCET

**SDM College of Engg. & Tech. Dharwad**  
**Department of Electrical and Electronics Engineering**  
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**Minutes of BOS meeting held on 26-6-2021.**

**AGENDA**

- Approval of Course content of B. E. VII & VIII Semesters (2018 -2022 Scheme)
- Approval of Modification in B. E.IV Semester Measurement and Circuit Simulation Lab Experiments (2018-2022 Scheme)
- Approval of Course Content of III & IV Semester M. Tech Power System Engineering (2020-2022 Scheme)
- Any other matter with the permission of chair

The Meeting started at 10.30 am in Seminar Hall of EE Dept, SDMCET Dharwad in online mode. The Chairman welcomed all the members. After in depth discussions and deliberations the following resolutions were made.

The committee approved the following:

- 1) Course contents of B. E. VII & VIII Semesters (2018 -2022 Scheme)
- 2) Modification in B. E. IV Semester Measurement and Circuit Simulation Lab Experiments (2018-2022 Scheme)
- 3) Course Contents of III & IV Semester M. Tech Power System Engineering (2020-2022 Scheme)

During the course of discussion, the following suggestions were emerged for incorporation, if possible.

**Course contents 2018 scheme (VII & VIII Semester):**

1. In the subject Electric Vehicles (Open elective) it is suggested to include the contents on different types of chargers for EV, which is already included in the Unit II under “methods of charging.”
2. In the course, “Modern Trends in Transmission System”, it is suggested to include the contents on the insulation, earthing technologies, communication methods which are used in the recent times. These will be incorporated in the course contents.
3. It is suggested to make the student to visit nearby electrical substation, SCADA center or any other relevant industry for the practical exposure. This is already covered under “internship” which is the part of curriculum for VII semester.
4. It is suggested to procure the kits on renewable integration for the practical exposure for the students on Renewables. The department has the resources of these kinds on Solar generation. However, a proposal for procurement of renewable integration kits will be submitted to the college.



5. It is suggested to include the Electricity acts in the curriculum. These contents already exist in the course, “Energy auditing and demand side management”, and also “Electrical estimation, specification, codes and practices” of VI semester.
6. It is suggested to introduce software-based design of electrical machines in the course, “Electrical Machines Design”. It will be incorporated in the next revision after the procurement of the concerned software; however, a value addition training for the current batch shall be arranged.

**Modification in the course contents of IV semester EEE, “Measurement and circuit simulation Laboratory”:**

1. In the course “Measurement and circuit simulation Laboratory” four new experiments are introduced in place of control system experiments which are featured already in VI semester laboratory course, “Sensors and control system laboratory”.
2. It is suggested to use LTSpice for the simulation of experiments. This shall be incorporated.

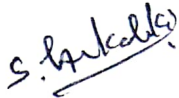






**Course contents PG III and IV semester 2020-22 scheme):**

1. It is suggested to have laboratory facility for PG students. The laboratory facilities are already provided to the students by the department with licensed software which is a component in the curriculum.
2. It is suggested to include the effects of voltage swells also in the course, “Power Quality Issues and Mitigation Techniques”. The elementary treatment is already considered in the first topic of the course. However, care shall be taken to discuss this issue in depth.
3. It is suggested to include the concepts like, “green certificates, power trading prices” in the course “Planning & Management of Deregulated Power Systems”. As some of these contents are already included and more emphasis shall be given in the future revision.

For the project phase I in third semester M. Tech, it is suggested that the students shall work proportional to the credits reserved for the course. It is already practiced and will be strengthened further.






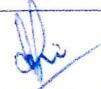
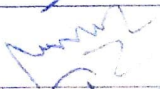

The meeting concluded with a vote of thanks by the member Secretary to the Chair and all the members.

## BOS Committee

Sl. No.	Name	Portfolio	Signature
01	<b>Dr. S. G. Ankaliki</b> HOD EEE & Chairman BOS	Chairman	
02	<b>Dr. Subba Reddy B</b> VTU Nominee, IISc. Bangaluru	VTU Nominee	Approved through email dated 28/6/2021
03	<b>Dr. A. B. Raju</b> KLE Tech, Hubballi	Subject expert	Approved through email dated 28/6/2021
04	<b>Dr. Satish Naik Banavath</b> IIT, Dharwad	Subject Expert	Approved through email dated 28/6/2021
05	<b>Dr. Girish V.</b> HESCOM, Hubballi	Industry Representative	Approved through email dated 28/6/2021
06	<b>Dr. R. L. Chakrasali</b> Dean Academic, SDMCET	Special Invitee	
07	<b>Dr. G. D. Kamalapur</b> Faculty, EEE, SDMCET	Member	
08	<b>Prof. Vinay Shetty.</b> GIT, Belagavi	Alumnus	Approved through email dated 28/6/2021
09	<b>Prof. C. M. Chelli</b> Faculty, EEE, SDMCET	Member	
10	<b>Prof. S. S. Desai</b> Faculty, EEE, SDMCET	Member	
11	<b>Sunil Joshi</b> Faculty, EEE, SDMCET	Member	
12	<b>Prof. Shravankumar G. Nayak</b> Faculty, EEE, SDMCET	Member Secretary	



## BOS Committee

Sl. No.	Name	Portfolio	Signature
01	Dr. S. G. Ankaliki Professor & Head, E & E Engg. Dept., SDMCET, Dharwad. Ph.: 9481108294 ; Email: <a href="mailto:sgasdmee@rediffmail.com">sgasdmee@rediffmail.com</a>	Chairman	
02	Prof. Dr. Subba Reddy B Dept. of Electrical Engg Indian Institute of Science, BANGALORE-560012, INDIA Phone: +91 80 2293 2550 Email: <a href="mailto:reddy@ee.iisc.ernet.in">reddy@ee.iisc.ernet.in</a>	VTU Nominee	Approved through email on 14/8/2020
03	Dr. A. B. Raju Prof. and Head, (E&E), B. V. B. College of Engg & Tech KLE Technological; University Campus Vidyanagar, Hubli-580 031 Ph.:9449914481 Email: <a href="mailto:abraju@kletech.ac.in">abraju@kletech.ac.in</a>	Subject expert	Approved through email on 14/8/2020
04	<b>Dr. Satish Naik Banavath</b> Assistant Professor Dept. of Electrical Engineering Indian Institute of Technology, WALMI Campus, Near High Court, P. B. Road, Anjaneya Nagar, Dharwad-580 011 Mobile: 9535093090 Email: <a href="mailto:satish@iitdh.ac.in">satish@iitdh.ac.in</a> <a href="http://www.iitdh.ac.in">http://www.iitdh.ac.in</a>	Subject Expert	Approved through email on 14/8/2020
05	<b>Dr. Girish V.</b> Executive Engineer, HESCOM, Navanagar, Hubli-580 025, <a href="mailto:girish.athreyas@gmail.com">girish.athreyas@gmail.com</a> Mobile: 9986019530 (personal); 9448065280 (Office)	Industry Representative	Approved through email. on 14/8/2020
06	<b>Prof. Vinay Shetty</b> Assistant Professor, E & E Engg. Dept., GIT, Belagavi, Ph.: 8618502118 Email: <a href="mailto:vjshetty@git.edu">vjshetty@git.edu</a>	Alumnus	Approved through email. on 14/8/2020
07	Prof. C. M. Chelli, Professor Dept. of E&E, SDMCET, Dharwad Ph.:9242809240; Email: <a href="mailto:clement.chelli@gmail.com">clement.chelli@gmail.com</a>	Member	
08	Dr. G. D. Kamalapur, Professor Dept. of E&E, SDMCET, Dharwad Ph.:9450248486; Email: <a href="mailto:gdkpur9@gmail.com">gdkpur9@gmail.com</a>	Member	
09	Dr. M. R. Kappali. Professor Dept. of E&E, SDMCET, Dharwad Ph.:9448661981; Email: <a href="mailto:mrkappali@rediffmail.com">mrkappali@rediffmail.com</a>	Member	
10	Prof. S. S. Desai, Professor Dept. of E&E, SDMCET, Dharwad Ph.:9880181271; Email: <a href="mailto:ssdesai.sdmcet@gmail.com">ssdesai.sdmcet@gmail.com</a>	Member	
11	Prof. Sunil Joshi, Assoc. Professor Dept. of E&E, SDMCET, Dharwad Ph:9663212825 Email: <a href="mailto:sunilj2005@yahoo.in">sunilj2005@yahoo.in</a>	Member	
12	Dr. R. L. Chakrasali , Professor Dept. of E&E and Dean Academic, SDMCET, Dharwad, Ph.:9845477797; Email: <a href="mailto:pratisatu@gmail.com">pratisatu@gmail.com</a>	Special Invitee	
13	Prof. Shrivankumar G. Nayak. Dept. of E&E, SDMCET, Dharwad	Member Secretary	

SDME Society's  
**S.D.M. College of Engineering & Technology, Dharwad-580 002**  
**Department of Electrical & Electronics Engineering**

**NOTICE**

All the faculty members are invited for the Board of Studies (BoS) meeting of the department on **27 - 7 - 2020 (Online) at 10.00 AM** in Department Seminar Hall and requested to give your valuable academic inputs for curriculum development.

**AGENDA**

- Welcome – by Chairman
- Briefing about meeting - by Chairman BOS
- Discussions to be initiated by member secretary
- Approval of Course content of B. E. V & VI Semesters (2018 -2022 Scheme)
- Approval of **Scheme of M. Tech Power System Engineering (2020-2022 Scheme)**
- Approval of Course Content of **I & II Semester M. Tech Power System Engineering (2020-2022 Scheme)**
- Approval of modification (to the extent of 10% only) and course content arranged in **FIVE Units of B.E. II, III and IV Semesters (2018-2022 Scheme)**
- Approval of course content arranged in **FIVE Units of B.E. VII & VIII Semesters (2015-2019 Scheme).**
- Any other matter with the permission of chair
- Vote of thanks by Member secretary

**Members of BoS:**

• Dr. S. G. Ankaliki - Chairman	• Dr. Subba Reddy B-VTU Nominee
• Dr. A. B. Raju- Subject Expert	• Dr. Satish Naik Banavath - Subject Expert
• Dr. Girish V. - Industry Representative	• Prof. Vinay Shetty–Alumnus
• Dr. G. D. Kamalapur - Member	• Dr. R. L. Chakrasali - Special Invitee
• Dr. M. R. Kappali - Member	• Prof. C. M. Chelli– Member
• Prof. S. S. Desai - Member	• Prof. Sunil Joshi
• Prof. Shrivankumar G. Nayak -Member Secretary	

S. Ankaliki  
 25/07/2020  
 HOD-EEE

SSD	CMC	MRK	GDK	RLC	SGN
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**SDM College of Engg. & Tech. Dharwad**  
**Department of Electrical and Electronics Engineering**  
*(Professional Competence with Positive Attitude)*

**Minutes of BOS meeting (ONLINE) held on 27-7-2020**

The Meeting started at 10.00 am with HOD and internal members seated in Seminar Hall of EE Dept. SDMCET Dharwad. The external members joined through online mode. The Chairman welcomed all the members. After comprehensive discussions and deliberations the committee made resolutions/approvals under.

The committee approved the following:

- [1] Course content of **BE V & VI Semesters (2018 -2022 Scheme)**.
- [2] **M. Tech.** Power System Engineering **2020-2022 Scheme**.
- [3] Course Content of **I & II Semester M. Tech** Power System Engineering (**2020-2022 Scheme**).
- [4] Modification (to the extent of 10% only) and arrangement of course content in **FIVE Units** of **B.E. II, III and IV Semesters (2018-2022 Scheme)**.
- [5] Arrangement of course content in **FIVE Units** of **B.E. VII & VIII Semesters (2015-2019 Scheme)**.

The following suggestions emerged during the course of discussion and justification was presented accordingly.

**Suggestions:**

**1) I/ II semester:**

- Leakage and fringing may be added in Basic Electrical Engineering subject.

**2) III/ IV semester:**

- Engineering Mathematics III (III Semester): Fourier series to be made as 1<sup>st</sup> Chapter and Laplace Transforms as 2<sup>nd</sup> Chapter.
- Electric measurement (III Semester): Calibration Importance to be added.
- Network theory (III semester): Graph theory concept to be added.

**3) V& VI Semester**

- Electrical Machine II (V semester): Standard Reference book like the one by Champion to be added.
- Power Electronics (V semester): Magnetics circuit design to be added; Standard Reference books like the one by --- to be added.
- Power Electronics Lab (V semester): TL494 IC may be used instead of Microprocessor to generate PWM signal.
- High Voltage Engineering (VI semester): Voltage divider, Current shunts, Rogowski coils etc to be added for measurement of voltage and currents.

**4) M.Tech I & II Semester**

- Grid Integration (20PEPSE236): Basics of a micro grid to be 1<sup>st</sup> Chapter followed by Impact of Grid Integration.
- EHVAC transmission: EHV / UHV to be added
- Introduce the subject on Electrical Vehicle & Hybrid System in M. Tech program.



## Justification/Comments:

- 1) Leakage and fringing is already present in Basic Electrical Engineering subject.
- 2)
  - i) Arrangement of sequence of chapters in Engineering Mathematics III is conveyed to the concerned department to incorporate in the syllabus.
  - ii) Calibration and its importance is included in in Electrical and Electronics Measurement subject.
  - iii) Graph theory concept is already present in VII semester Computer Techniques in Power System subject.
- 3)
  - i) Standard reference books are added in Electrical Machine-II & Power Electronics subjects.
  - ii) Magnetics circuit design is included in Power Electronics Subject.
  - iii) TL494 IC is employed for generation of firing signals in power Electronic Laboratory.
  - iv) Voltage divider, Current shunts, Rogowski coils are included for measurement of voltage and currents in High Voltage Engineering and Switch Gear & Protection subject.
- 4)
  - i) Department has planned to introduce new subject Electrical vehicle & Hybrid systems in III semester M. Tech.
  - ii) UHV will be added in EHVAC transmission subject of M. Tech.

The meeting concluded with a vote of thanks by the Member Secretary.

# Re: Request to approve the minutes of BoS meeting held on 27/07/2020-reg

From: Satish Naik <satish@iitdh.ac.in> on Fri, 14 Aug 2020 12:13:09 Add to address book To: You & 4 others | See Details  
Dear Sir,

All my points are addressed.  
Approved.

Thank you.  
Warm regards  
Satish

On Thu, Aug 13, 2020, 21:09 Shekhappa Ankaliki <sgasdmee@rediffmail.com> wrote:

**From:**

**13/08/2020**

**Dr. S. G. Ankaliki  
Chairman BoS  
E & E Engg Dept.,  
SDMCET, Dharwad**

**To,  
All BoS Members**

**Good evening to all**

**I hope you all safe and healthy with your family**

**I thank you all for attend the BoS meeting and given valuable suggestion to do better from the department**

**I herewith written the Minutes of the meeting for your kind information and approval.**

**Please go through same and approve the same by a line of reply from your end**

I have enclosed herewith detail syllabus for your kind reference and needful  
Thanking you all

With Regards  
Dr. S. G. Ankaliki

# Re: Request to approve the minutes of BoS meeting held on 27/07/2020-reg

From: Vinay Shetty <vjshetty@git.edu> replied on Thu, 13 Aug 2020 22:05:00 Add to address bookTo: You | See Details

Respected sir,

I have went through the syllabus and everything is fine and well incorporated with reference to the BoS meeting held on 20/07/2020.

On Thu 13 Aug, 2020, 9:09 PM Shekhappa Ankaliki, <sgasdmee@rediffmail.com> wrote:

**From:**

**13/08/2020**

**Dr. S. G. Ankaliki**

**Chairman BoS**

**E & E Engg Dept.,**

**SDMCET, Dharwad**

**To,**

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Thanking you all

With Regards

Dr. S. G. Ankaliki

Re: Request to approve the minutes of BoS meeting held on 27/07/2020-reg

From: Subba Reddy B <sreddy@iisc.ac.in> on Fri, 14 Aug 2020 12:15:07 Add to address book To: You & 4 others | See Details  
Dear Sir

I approve the Minutes of BOS enclosed

regards  
Subba Reddy B

---

**From:** sgasdmee@rediffmail.com <sgasdmee@rediffmail.com> on behalf of Shekhappa Ankaliki <sgasdmee@rediffmail.com>

**Sent:** Thursday, August 13, 2020 9:09 PM

**To:** Subba Reddy B <sreddy@iisc.ac.in>; abraju@kletech.ac.in <abraju@kletech.ac.in>; satish <satish@iitdh.ac.in>; vjshetty@git.edu <vjshetty@git.edu>; girish.athreyas@gmail.com <girish.athreyas@gmail.com>

**Subject:** Request to approve the minutes of BoS meeting held on 27/07/2020-reg

External Email

**From:**  
**13/08/2020**  
Dr. S. G. Ankaliki  
Chairman BoS  
E & E Engg Dept.,  
SDMCET, Dharwad

**To,**  
All BoS Members

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Thanking you all

With Regards  
Dr. S. G. Ankaliki



# Re: Request to approve the minutes of BoS meeting held on 27/07/2020-reg

From: A.B. Raju - <abraju@kletech.ac.in> on Fri, 14 Aug 2020 09:39:59 Add to address book To: You  
| See Details

Dear Sir,

Good morning.

I am extremely sorry for not attending your BOS meeting. I could not attend the meeting because on that day we started with lower semesters online exams and our department Computer Center was used for the purpose and it was the first exam to begin with.

However, I have gone through the curriculum which you had shared with me.

I approve your BOS minutes of the meeting.

With regards,

a.b.raju

On Thu, Aug 13, 2020 at 9:09 PM Shekhappa Ankaliki <sgasdmee@rediffmail.com> wrote:

**From:**

**13/08/2020**

**Dr. S. G. Ankaliki**

**Chairman BoS**

**E & E Engg Dept.,**

**SDMCET, Dharwad**

**To,**

**All BoS Members**

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**Please go through same and approve the same by a line of reply from your end**

I have enclosed herewith detail syllabus for your kind reference and needful  
Thanking you all

With Regards

Dr. S. G. Ankaliki

Re: Request to approve the minutes of BoS meeting held on 27/07/2020-reg

From: Girish Venkatesh <girish.athreyas@gmail.com> on Fri, 14 Aug 2020 12:42:26 Add to address book  
To: You & 4 others | See Details  
Dear Sir,

I wish to convey my approval to the Minutes of BoS meeting held on 27/07/2020.

Thanks & regards

Dr Girish V

**From:**  
**13/08/2020**  
**Dr. S. G. Ankaliki**  
**Chairman BoS**  
**E & E Engg Dept.,**  
**SDMCET, Dharwad**

**To,**  
**All BoS Members**

**Good evening to all**

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**Please go through same and approve the same by a line of reply from your end**

I have enclosed herewith detail syllabus for your kind reference and needful

Thanking you all

With Regards  
Dr. S. G. Ankaliki

**Subject: Re: Invitation to BoS Meeting (Online) – reg.**

From: Subba Reddy B <sreddy@iisc.ac.in> on Mon, 03 Aug 2020 13:27:56

To: Shekhappa Ankaliki <sgasdmee@rediffmail.com>

6 attachment(s) - 4 - 18UEEC100 -200 - Basic\_Electrical\_Engineering\_Corrected.pdf (203.51KB), 5 - 18UESL100 -200 - Basic\_Skill\_Lab\_corrected.pdf (189.64KB), 7 - III\_IV\_Syllabus\_Modified - 2020-21\_11-07-2020\_Corrected.pdf (951.69KB), 8 - V\_VI\_Syllabus\_Modified - 2020-21\_11-07-2020\_corrected.pdf (1.10MB), 9 - VII\_VIII\_Sem\_Modified - 2020-21\_11-07-2020\_corrected.pdf (1.02MB), 11 - 1st\_2nd\_Sem\_M\_Tech\_EPS - Syllabus\_2020-22\_corrected.pdf (592.95KB)

Dear Sir

Please see the enclosed documents, some minor corrections are suggested to be made to the syllabus, sorry for the delay.

regards

Subba Reddy B

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**From:** sgasdmee@rediffmail.com <sgasdmee@rediffmail.com> on behalf of Shekhappa Ankaliki <sgasdmee@rediffmail.com>  
**Sent:** Saturday, July 11, 2020 5:54 PM  
**To:** Subba Reddy B <sreddy@iisc.ac.in>  
**Subject:** Invitation to BoS Meeting (Online) – reg.

External Email

11-07-2020

**From:**  
**Dr. S. G. Ankaliki**  
Professor & Head,  
E & E Engg Dept,  
SDM College of Engg & Tech,  
Dharwad-580 002  
Ph: 9481108294, 8073592308  
**Email:** sgasdmee@rediffmail.com

**To,**  
**Prof. Dr. Subba Reddy B**  
Department of Electrical Engineering,  
Indian Institute of Science,  
Bangaluru- 560 012  
**Email:** reddy@ce.iisc.ernet.in

Dear Sir,

**Sub.:** Invitation to BOS meeting – reg.  
**Ref.:** VTU letter dated 07 May 2020, No.:VTU/Aca/A12/2019-20/26

With reference to the above cited subject and reference, I am pleased to invite to be a member of Board of Studies (VTU Nominee) of E & E Engg Department of SDM College of Engg & Tech, Dharwad. We have planned to conduct **Board of Studies** meeting on **17<sup>th</sup> July 2020 (Online) at 10 AM**. In this regard, I am sure your expertise will help our department in doing better. I request you to attend the meeting online using following link;

1. Enter the URL <https://meetingsapac31.webex.com/join/pr1564840438> in any web browser to join the meeting.

OR

2. Go to Cisco Webex meeting site in browser or Cisco Webex app and join using the meeting ID : 1564840438

I enclosed herewith BoS Meeting Details for your reference and needful  
Please acknowledge for the same.

Thanking you

With Regards  
Sd/-

Dr. S. G. Ankaliki  
HOD EEE& Chairman BoS





**BOS Meeting 25<sup>th</sup> May 2019**

**Time: 10.00 am**

**Venue: Seminar Hall, EE Dept.**

**AGENDA**

- Welcome – by Chairman
- Briefing about meeting - by Chairman BOS
- Discussions to be initiated by member secretary
- Approval of Revised **PEOs & PSOs** (Program Educational Objectives & Program Specific Outcomes) for UG program of the department
- Approval of Revised **PEOs** (Program Educational Objectives) for PG program of the department
- Approval of Scheme of **B. E. III to VIII Semesters** (2018 -2022 Scheme)
- Finalization of course contents of **B.E. III and IV Semesters** (2018-2022 Scheme)
- Modifications in the course contents of **B.E. V, VI, VII & VIII Semesters** (2015-2019 scheme) to the extent of 10% only
- Any other matter with the permission of chair
- Vote of thanks by Member Secretary

Sd/-

**Chairman BOS**

**SDM College of Engg. & Tech. Dharwad**  
**Department of Electrical and Electronics Engineering**  
*(Professional Competence with Positive Attitude)*

**Minutes of BOS meeting held on 25-5-2019**

The Meeting started at 10.00 am in Seminar Hall of EE Dept., SDMCET Dharwad. The Chairman welcomed all the members. After in depth discussions and deliberations the following resolutions were made.

The committee approved the following:

- [1] Revised PEOs & PSOs of under graduate program
- [2] Revised PEOs of post graduate program
- [3] B. E. III to VIII Semesters Scheme (2018 -2022 Scheme)
- [4] The course content of the III & IV semesters of (2018-2022 scheme)
- [5] Modifications in the course contents of VI, VII & VIII Semesters (2015-2019 scheme) to the extent of 10% only

The following suggestions were emerged during the course of discussion and justification was presented accordingly,

**Scheme:**

- Introductory project title can be changed for IV semester to Introduction to project
- Data structure and Computer Organization electives should be offered at two different semesters.
- In IoT course, communication component to be included.
- Embedded System course should be moved to 7<sup>th</sup> semester.
- More number of open elective can be offered.
- The title “Renewable Energy Sources” can be changed to “Renewable Energy System”.
- The course “Industrial Utilization of Electrical Power” should have the term Industrial Drives
- Electricity Act & Codes to be included in some relevant courses.
- Testing and Commission with respect to IE standards to be studied.

**Course contents 2018 scheme (III & IV Semester):**

1. In the subject Electrical and Electronic Measurement the contents on Smart meters & and Introduction to PMU's may be included.
2. DC Generator topic can be shortened in terms of no. of hours from Electric Machines -I. In miscellaneous topics SRM hysteresis motor stepper motor BLDC motor etc can be included.
3. Splitting of single phase and three phase transformers is not felt necessary, solid state Transformer selection of core of transformer etc can be included

**10% change in the course content of 2015 scheme:**

1. In the course ‘ARM Processor’ in chapter 3 the word introduction is to be removed

The meeting concluded with a vote of thanks by the member Secretary